

1. Record Nr.	UNICAMPANIAVAN0127286
Autore	Saikia, Hemanta
Titolo	Cricket Performance Management : Mathematical Formulation and Analytics / Hemanta Saikia, Dibyojyoti Bhattacharjee, Diganta Mukherjee
Pubbl/distr/stampa	Singapore, : Springer, 2019
Titolo uniforme	Cricket Performance Management
Descrizione fisica	xvi, 231 p. : ill. ; 24 cm
Altri autori (Persone)	Bhattacharjee, Dibyojyoti Mukherjee, Diganta
Soggetti	62-XX - Statistics [MSC 2020] 62M10 - Time series, auto-correlation, regression, etc. in statistics (GARCH) [MSC 2020] 62Pxx - Applications of statistics [MSC 2020]
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia

2. Record Nr.	UNINA9910254085703321
Titolo	Mathematical Modeling and Computational Intelligence in Engineering Applications // edited by Antônio José da Silva Neto, Orestes Llanes Santiago, Geraldo Nunes Silva
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
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Descrizione fisica	1 online resource (XXVII, 179 p. 79 illus., 46 illus. in color.)
Disciplina	003.3
Soggetti	Mathematical models Mathematics - Data processing Biomathematics Computer simulation Mathematical Modeling and Industrial Mathematics Computational Science and Engineering Mathematical and Computational Biology Computer Modelling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preliminary Correlations for Characterizing the Morphology of Abdominal Aortic Aneurysms as Predictor of Rupture -- Mathematical-Computational Simulations of Cytoskeletal Dynamics -- Fault Diagnosis with Missing Data based on Hopfield Neural Networks -- Diagnosing Time-Dependent Incipient Faults -- An Indirect Kernel Optimization Approach to Fault Detection with KPCA -- Uncertainty Quantification in Chromatography Process Identification based on Markov Chain Monte Carlo -- Inverse Analysis of a New Anomalous Diffusion Model Employing Maximum Likelihood and Bayesian Estimation -- Accelerated Direct Problem Solution: A Complementary Method for Computational Time Reduction -- Effects of Antennas on Structural Behavior of Telecommunication Towers -- Comparing Two-Level Preconditioners for Solving Petroleum Reservoir Simulation Problems -- Assessment of the Reliability of Electrical Power Systems -- Polymeric Thin Film

Sommario/riassunto

This book brings together a rich selection of studies in mathematical modeling and computational intelligence, with application in several fields of engineering, like automation, biomedical, chemical, civil, electrical, electronic, geophysical and mechanical engineering, on a multidisciplinary approach. Authors from five countries and 16 different research centers contribute with their expertise in both the fundamentals and real problems applications based upon their strong background on modeling and computational intelligence. The reader will find a wide variety of applications, mathematical and computational tools and original results, all presented with rigorous mathematical procedures. This work is intended for use in graduate courses of engineering, applied mathematics and applied computation where tools as mathematical and computational modeling, numerical methods and computational intelligence are applied to the solution of real problems.
